American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended December 8, 1989 NO. 49

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/08/89	Last Week Ending: 12/01/89	Last Year Week Ending: 12/09/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,813	13,657	13,343	156	470
Operable capacity	15,591	15,576	15,922	15	-331
Percent operated	88.6	87.7	83.8		
Motor Gasoline					
Total motor gasoline production	7,231	7,207	7,123	24	108
Finished leaded motor gasoline production	548	583	1,166	-35	-618
Finished unleaded motor gasoline production	6,683	6,624	5,957	59	726
Total motor gasoline stocks	223,598	223,080	222,763	518	835
Finished leaded motor gasoline stocks	17,916	18,243	38,449	-327	-20,533
Finished unleaded motor gasoline stocks	167,326	166,940	146,226	386	21,100
Jet Fuel Kerosine					
Jet fuel kerosine production	1,279	1,314	1,266	-35	13
Jet fuel kerosine stocks	43,992	44,293	38,714	-301	5,278
Distillate Fuel Oil					
Distillate fuel oil production	3,320	3,213	2,925	107	395
Distillate fuel oil stocks	118,466	121,458	126,501	-2,992	-8,035
Residual Fuel Oil					
Residual fuel oil production	1,109	1,066	977	43	132
Residual fuel oil stocks	50,423	52,557	44,577	-2,134	5,846
Imports					
Crude oil imports	5,699	6,727	6,427	-1,028	-728
Product imports	1,951	2,054	3,074	-103	-1,123
Crude Oil Stocks					
Crude oil stocks	343,663	351,896	344,065	-8,233	-402
Crude Supply Balance	-575				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,416	1,252	1,258	1,325	94.9
Appal. No. 1	117	105	105	124	84.7
DISTRICT 1 TOTAL	1,533	1,357	1,363	1,449	94.1
Ind., Ill., Ky.	2,165	2,009	2,020	2,198	91.9
Minn., Wisc., Daks.	318	316	318	337	94.4
Okla., Kans., Mo.	782	684	690	730	94.5
DISTRICT 2 TOTAL	3,265	3,009	3,028	3,265	92.7
Inland Texas	562	518	521	555	93.9
Texas Gulf Coast	3,493	3,096	3,099	3,477	89.1
La. Gulf Coast	2,541	2,402	2,435	2,938	82.9
N. La. and Ark.	175	160	160	247	64.8
New Mexico	79	73	73	76	96.1
DISTRICT 3 TOTAL	6,850	6,249	6,288	7,293	86.2
DISTRICT 4 TOTAL	489	466	469	546	85.9
DISTRICT 5 TOTAL	2,773	2,579	2,665	3,038	87.7
TOTAL U.S.	14,910	13,660	13,813	15,591	88.6
TOTAL U.S. Weeks Ended:					
DEC. 1, 1989	14,957	13,549	13,657	15,576	87.7
DEC. 9, 1988	14,503	13,212	13,343	15,922	83.8
DISTRICTS 1-4 Weeks Ended:					
DEC. 08, 1989	12,137	11,081	11,148	12,553	88.8
DEC. 1, 1989	12,261	11,094	11,157	12,538	89.0
DEC. 9, 1988	11,732	10,497	10,582	12,691	83.4

API WEEKLY STATISTICAL BULLETIN

Week Ended December 8, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	619	6	613	12	78	439	182
Appal. No. 1	42	3	39	--	--	37	2
DISTRICT 1 TOTAL	661	9	652	12	78	476	184
Ind., Ill., Ky.	1,275	17	1,258	9	98	506	62
Minn., Wisc., Daks.	174	24	150	--	15	81	5
Okla., Kans., Mo.	406	43	363	10	49	203	15
DISTRICT 2 TOTAL	1,855	84	1,771	19	162	790	82
Inland Texas	268	37	231	27	41	125	12
Texas Gulf Coast	1,614	46	1,568	50	313	709	219
La. Gulf Coast	1,199	31	1,168	33	299	557	178
N. La. and Ark.	62	2	60	4	1	50	9
New Mexico	47	14	33	8	2	18	1
DISTRICT 3 TOTAL	3,190	130	3,060	122	656	1,459	419
DISTRICT 4 TOTAL	236	65	171	13	25	141	8
DISTRICT 5 TOTAL	1,289	260	1,029	71	358	454	416
TOTAL U.S.	7,231	548	6,683	237	1,279	3,320	1,109
TOTAL U.S. Weeks Ended:							
DEC. 1, 1989	7,207	583	6,624	189	1,314	3,213	1,066
DEC. 9, 1988	7,123	1,166	5,957	172	1,266	2,925	977
DISTRICTS 1-4 Weeks Ended:							
DEC. 08, 1989	5,942	288	5,654	166	921	2,866	693
DEC. 1, 1989	5,994	370	5,624	141	973	2,757	686
DEC. 9, 1988	5,912	861	5,051	138	920	2,451	620

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,330	21	4,308	1	97	333	5,671	676	--
Central Atlantic	28,321	120	23,663	4,538	469	5,144	27,737	20,580	12,432
Lower Atlantic	30,369	1,102	28,968	299	608	5,256	16,143	3,240	557
DISTRICT 1 TOTAL	63,020	1,243	56,939	4,838	1,174	10,733	49,551	24,496	12,989
DISTRICT 2 TOTAL	60,667	6,344	46,676	7,647	839	7,970	29,264	3,218	18,326
DISTRICT 3 TOTAL	61,084	2,588	43,367	15,129	2,278	17,161	26,221*	13,510	53,370
DISTRICT 4 TOTAL	7,350	1,930	3,410	2,010	373	752	2,878	463	2,370
DISTRICT 5 TOTAL	31,477	5,811	16,934	8,732	1,379	7,376	10,552	8,736	22,103
TOTAL U.S.	223,598	17,916	167,326	38,356	6,043	43,992	118,466	50,423	109,158
TOTAL U.S. Weeks Ended:									
DEC. 1, 1989	223,080	18,243	166,940	37,897	6,164	44,293	121,458*	52,557	111,851
DEC. 9, 1988	222,763	38,449	146,226	38,088	6,173	38,714	126,501	44,577	108,270
DISTRICTS 1-4 Weeks Ended:									
DEC. 08, 1989	192,121	12,105	150,392	29,624	4,664	36,616	107,914	41,687	87,055
DEC. 1, 1989	191,892	12,642	149,814	29,436	4,733	37,329	111,101*	43,357	88,559
DEC. 9, 1988	191,953	32,069	130,394	29,490	4,543	31,526	113,970	36,012	82,229

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.
* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended December 8, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 08, 1989	4,549.0	4,696.0	5,499	679	262,796
DEC. 1, 1989	4,541.0*	--	6,548	675	266,851*
NOV. 24, 1989	4,541.0*	--	5,313	595	262,830
NOV. 17, 1989	4,541.0*	--	5,591	488	266,815
DISTRICT 5 TOTAL					
DEC. 08, 1989	2,951.0	2,733.0	200	2	80,867 #
DEC. 1, 1989	2,939.0*	--	179	22	85,045
NOV. 24, 1989	2,939.0*	--	290	17	81,203
NOV. 17, 1989	2,939.0*	--	377	6	82,128
TOTAL U.S.					
DEC. 08, 1989	7,500.0	7,429.0	5,699	688	343,663 #
DEC. 1, 1989	7,480.0*	--	6,727	697	351,896*
NOV. 24, 1989	7,480.0*	--	5,603	612	344,033
NOV. 17, 1989	7,480.0*	--	5,968	494	348,943
DEC. 9, 1988	7,942.0 a/	--	6,427	666	344,065

#INCLUDES 23,099 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
DEC. 08, 1989	-575	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 08, 1989	13,278	72,797	164,744	11,977	262,796	80,867 #	343,663 #
DEC. 1, 1989	14,517*	74,391	165,929	12,014	266,851*	85,045	351,896*
DEC. 9, 1988	15,940	70,965	162,977	11,757	261,639	82,426	344,065

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	63	--	63	--	--	--	74	102	1	--	--	240
Central Atlantic	262	--	262	91	--	19	61	278	86	154	45	996
Lower Atlantic	41	--	41	--	--	18	16	63	--	--	16	154
DISTRICT 1 TOTAL												
DEC. 08, 1989	366	--	366	91	--	37	151	443	87	154	61	1,390
DEC. 1, 1989	406	--	406	11	--	126	409	396	6	111	25	1,490
NOV. 24, 1989	142	--	142	--	--	11	173	451	13	37	77	904
NOV. 17, 1989	377	--	377	107	--	14	253	855	18	153	29	1,806
DISTRICTS 2-4 TOTAL												
DEC. 08, 1989	7	--	7	6	3	13	10	29	215	144	95	522
DEC. 1, 1989	8	--	8	--	--	46	30	12	122	168	126	512
NOV. 24, 1989	5	--	5	--	--	4	7	12	90	68	309	495
NOV. 17, 1989	39	--	39	72	--	12	40	27	111	242	129	672
DISTRICT 5 TOTAL												
DEC. 08, 1989	14	--	14	7	--	2	3	8	2	1	2	39
DEC. 1, 1989	17	--	17	--	--	9	10	6	6	4	--	52
NOV. 24, 1989	5	--	5	--	--	5	2	--	9	1	2	24
NOV. 17, 1989	15	--	15	12	--	--	3	45	6	39	2	122
TOTAL U.S.	387	--	387	104	3	52	164	480	304	299	158	1,951
TOTAL U.S. Weeks Ended:												
DEC. 1, 1989	431	--	431	11	--	181	449	414	134	283	151	2,054
NOV. 24, 1989	152	--	152	--	--	20	182	463	112	106	388	1,423
NOV. 17, 1989	431	--	431	191	--	26	296	927	135	434	160	2,600
DEC. 9, 1988	540	14	526	109	3	60	569	1,071	272	222	228	3,074

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production NOVEMBER 1989	OCTOBER 1989 E/	Dept. of Energy JULY 1989
Florida	18.0	19.0	19.0
New York-Pennsylvania	5.0	6.0	7.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	5.0
Illinois	54.0	54.0	54.0
Indiana	7.0	7.0	9.0
Kansas	143.0	145.0	149.0
Kentucky	12.0	12.0	14.0
Michigan	54.0	55.0	58.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	16.0	16.0	17.0
Ohio	24.0	25.0	27.0
Oklahoma	315.0	314.0	317.0
North Dakota	97.0	98.0	101.0
South Dakota	4.0	4.0	4.0
Alabama	54.0	55.0	57.0
Arkansas	28.0	29.0	32.0
Mississippi	74.0	74.0	76.0
New Mexico-So. East	165.0	166.0	167.0
New Mexico-Other	16.0	16.0	17.0
North Louisiana	60.0	60.0	60.0
South Louisiana	1,002.0	995.0	1,060.0
Total Louisiana	1,062.0	1,055.0	1,120.0
Texas			
District 1	53.0	47.0	49.0
District 2	56.0	56.0	59.0
District 3	207.0	140.0	211.0
District 4	63.0	59.0	66.0
District 5	30.0	31.0	34.0
District 6, East Texas	105.0	103.0	110.0
Other	82.0	86.0	87.0
District 7-B	84.0	80.0	84.0
District 7-C	76.0	74.0	78.0
District 8 and 8-A	1,020.0	1,012.0	1,044.0
District 9	77.0	78.0	81.0
District 10	39.0	39.0	41.0
Total Texas	1,892.0	1,805.0	1,944.0
Colorado	78.0	79.0	75.0
Montana	52.0	53.0	54.0
Utah	72.0	73.0	78.0
Wyoming	293.0	294.0	294.0
Total Districts 1-4	4,541.0	4,460.0	4,696.0
Alaska	1,932.0	1,883.0	1,725.0
Arizona	0.0	0.0	0.0
California	999.0	998.0	1,000.0
Nevada	8.0	8.0	8.0
Total District 5	2,939.0	2,889.0	2,733.0
TOTAL U.S.	7,480.0	7,349.0 E/	7,429.0

E/ Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 57.4% of lower 48 states production. When combined with reported Alaskan data, the sample represents 68.3% of total U.S. production in October.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 08, 1989

REVISIONS

12/01/89	PAGE 3		DISTILLATE FUEL	DISTRICT 3 TOTAL	26,752
				TOTAL U.S.	121,458
				DISTRICTS 1-4	111,101
	PAGE 4	T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	266,851
				TOTAL U.S.	351,896
	PAGE 4	B	TOTAL	PAD DISTRICT 1	14,517
				TOTAL PAD DISTRICTS 1-4	266,851
				TOTAL U.S.	351,896